

# OpenPandora

Release 1  
(Zaxxon)  
Hotfix 5



## Emulator Fact Sheets

by Yoshi

Version 0.7

# Table of contents

Emulator	System	Page
Getting started		3
Dega	Sega Master System	4
DOSBox	IBM PC Compatible	5
FBA	Arcade	6
GnGeo	SNK Neo Geo	7
GnuBoy	Nintendo Game Boy Color	8
gpFCE	Nintendo NES	9
gpFCE GP2X	Nintendo NES	10
gpSP	Nintendo Game Boy Advance	11
Handy	Atari Lynx	12
HAtari	Atari ST	13
HuGo	NEC PC Engine / TG-16	14
MAME4ALL	Arcade	15
Mednafen <small>NGP</small>	SNK Neo Geo Pocket Color	16
Mednafen <small>PCE</small>	NEC PC Engine / TG-16 / CD	17
Mupen64plus	Nintendo 64	18
PanMAME	Arcade	19
PCSX ReARMed	Sony Playstation	20
PicoDrive	Sega Mega Drive / Genesis / CD / 32X	21
PocketSNES	Nintendo SNES	22
RACE	SNK Neo Geo Pocket Color	23
Snes9x4P	Nintendo SNES	24
Temper	NEC PC Engine / TG-16 / CD	25
UAE4ALL	Commodore Amiga	26
VICE	Commodore C64	27
Quick Reference		28

# Getting started




## Setup your SD Card (if you want to use Yoshi's Emulator Pack)

1.	If you already have a <b>/pandora</b> directory on your SD card, rename it to <b>/pandora_orig</b> . You can also merge selected directories manually instead.
2.	Copy the <b>/pandora</b> folder from <i>Yoshi's Pandora Emulator Pack</i> to the root directory of your SD card. All Pandora applications (.pnd) are in <b>/pandora/apps</b> by default.
3.	Copy the <b>BIOS</b> and <b>ROM</b> files according to the fact sheets. These files are <b>not</b> included in the emulator pack.


## SD Card Directory Structure

/pandora	/appdata	Application, ROM and BIOS data
	/apps	Pandora applications appear on desktop and both menus
	/desktop	Pandora applications appear on desktop
	/menu	Pandora applications appear in application menu
	/mmenu	Pandora applications appear in mini menu
	/roms	Emulator ROM and BIOS data (alternative to /appdata)

## Quit, kill and reset

		Quit running program
	<b>Hold</b>	Kill running program
	<b>+</b> <b>Power Off</b>	Reset Pandora

## Miscellaneous

Program log file	/tmp/pndrun_<EXECUTABLE>.out
Unmount 1st SD card	sudo umount /dev/mmcblk0p1
Unmount 2nd SD card	sudo umount /dev/mmcblk1p1
Unmount SD card by name	sudo umount /media/<VOL_LABEL>
Switch GUI (xfce4 or minimenu)	System -> Switch GUI
Show emulator documentation	 (if available in mini menu)

## Links

<b>Wiki</b>
<a href="http://pandorawiki.org">http://pandorawiki.org</a>
<b>Forum</b>
<a href="http://boards.openpandora.org">http://boards.openpandora.org</a>
<a href="http://www.gp32x.com/board">http://www.gp32x.com/board</a>
<b>App Store</b>
<a href="http://apps.openpandora.org">http://apps.openpandora.org</a>
<a href="http://repo.openpandora.org">http://repo.openpandora.org</a>
<b>File Archive</b>
<a href="http://dl.openhandhelds.org/cgi-bin/pandora.cgi">http://dl.openhandhelds.org/cgi-bin/pandora.cgi</a>

## Sega Master System



### SD Card Files & Directories

PND	/pandora/apps/dega-1.16-5.pnd
Appdata	/pandora/appdata/dega
ROMs	/pandora/roms/sms
	/pandora/roms/gg

### Emulator Buttons



Dega

START GG	START
PAUSE MS	START
1	X
2	B

L + 0-9	Load State n (0-9)
R + 0-9	Save State n (0-9)
	Quit Game
ESC or	Quit Emulator

# DOSBox

0.74 SVN

## IBM PC Compatible



### SD Card Files & Directories

PND	/pandora/apps/Dosbox.pnd
Appdata	/pandora/appdata/dosbox
Games	/pandora/appdata/dosbox/games

### Emulator Buttons



#### DOSBox



<b>ALT</b> + <b>Enter</b>	Toggle Fullscreen
<b>CTRL</b> + <b>F10</b>	Toggle Mouse
<b>CTRL</b> + <b>F9</b>	Quit Game

#### DOSBox Pandora Wiki

<http://pandorawiki.org/DOSBox>

Move cursor / history	<b>D-Pad</b> ← → ↑ ↓
File name completion	<b>Tab</b>
Change directory	cd warcraft
Go back one directory	cd ..
List files and directories	dir /w or dir /p
List batch files	dir *.bat
List executable files	dir *.exe or dir *.com
Display HELP	help
Quit DOSBox	exit

## Arcade



### SD Card Files & Directories

PND	/pandora/apps/fba.pnd
Appdata	/pandora/appdata/fba-dave18
ROMs	/pandora/appdata/fba-dave18/roms *

\*) use FBA 0.2.97.24 compatible ROMs

### Emulator Buttons



FBA

COIN	SELECT
START	START
1	A
2	X
3	B
4	Y
5	L
6	R

L + R + Y	Show FPS
L + R + SELECT	Service Mode
P	Pause Game
Q	Quit Game
2x START	Quit Emulator

## SNK Neo Geo



### SD Card Files & Directories

PND	/pandora/apps/gngeo_0.8.3.pnd
Appdata	/pandora/appdata/gngeo_pepone
BIOS	/pandora/appdata/gngeo_pepone/roms/neogeo.zip
ROMs	/pandora/appdata/gngeo_pepone/roms

### Emulator Buttons



GnGeo

START	START
SELECT *	SELECT
A	X
B	B
C	A
D	Y

ESC or SPACE	Emulator Menu
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\*) or COIN in arcade mode



## Nintendo Game Boy Color



### SD Card Files & Directories

PND	/pandora/apps/gnuboy.pnd
Appdata	/pandora/appdata/sdlgnuboy
ROMs	/pandora/roms/gbc

### Emulator Buttons



#### GnuBoy

START	START	L + 0-9	Load State n (0-9)
SELECT	SELECT	S + 0-9	Save State n (0-9)
A	B	Q or	Quit Game
B	X	ESC	Quit Emulator



# Nintendo NES



## SD Card Files & Directories

PND	/pandora/apps/gpfce.pnd
Appdata	/pandora/appdata/gpfce
ROMs	/pandora/appdata/gpfce/roms

## Emulator Buttons



gpFCE

START	START
SELECT	SELECT
A	B
B	X
A Turbo	A
B Turbo	Y

L + 3	Load State
R + 3	Save State
R + START	Emulator Menu

## Nintendo NES



### SD Card Files & Directories

PND	/pandora/apps/gpfce-gp2x.pnd
Appdata	/pandora/appdata/gpfcegp2x
ROMs	/pandora/appdata/gpfcegp2x/roms

### Emulator Buttons



gpFCE GP2X

START	START
SELECT	SELECT
A	B
B	X
A Turbo	A
B Turbo	Y

R + 1	Load State
L + 1	Save State
L + START	Emulator Menu

# Nintendo Game Boy Advance



## SD Card Files & Directories

PND	/pandora/apps/gpSP-pnd-0.9-2Xb-u7.pnd
Appdata	/pandora/appdata/gpsp
BIOS	/pandora/appdata/gpsp/gba_bios.bin
ROMs	/pandora/roms/gba

## Emulator Buttons



gpSP

START	START
SELECT	SELECT
A	B
B	X
L / R	L / R

2	Load State
1	Save State
A	Show FPS
Y	Emulator Menu
SPACE	

# Handy

0.5b

## Atari Lynx



## SD Card Files & Directories

PND	/pandora/apps/handy-0.5b.pnd
Appdata	/pandora/appdata/handy
BIOS	/pandora/appdata/handy/lynxboot.img
ROMs	/pandora/roms/lynx

## Emulator Buttons



Handy

<b>A</b>	<b>X</b>
<b>B</b>	<b>A</b>
<b>OPT 1</b>	<b>Y</b>
<b>OPT 2</b>	<b>B</b>
<b>PAUSE</b>	<b>START</b>

<b>SELECT</b>	Emulator Menu
<b>ESC</b>	Quit Game / Emulator

## Atari ST



### SD Card Files & Directories

PND	/pandora/apps/Hatari140c.pnd
Appdata	/pandora/appdata/hatari.skeezix
BIOS	/pandora/appdata/hatari.skeezix/tos.img
Games	/pandora/appdata/hatari.skeezix/disks

### Emulator Buttons



<b>START</b>	Emulator Menu
<b>SELECT</b>	Toggle Fullscreen

## NEC PC Engine / TG-16



### SD Card Files & Directories

PND	/pandora/apps/hugo-1.1.0.pnd
Appdata	/pandora/appdata/hugo
ROMs	/pandora/roms/pce

### Emulator Buttons



HuGo

<b>RUN</b>	<b>Y</b>	<b>L</b> + <b>Y</b>	Load State
<b>SELECT</b>	<b>A</b>	<b>L</b> + <b>X</b>	Save State
<b>I</b>	<b>B</b>	<b>L</b> + <b>A</b>	Show FPS Rate
<b>II</b>	<b>X</b>	<b>SELECT</b>	Emulator Menu

## Arcade



## SD Card Files & Directories

PND	/pandora/apps/mame4all-beta7.pnd
Appdata	/pandora/appdata/mame4all
ROMs	/pandora/appdata/mame4all/roms *

\*) use MAME 0.37b5 - 0.37b16 compatible ROMs

## Emulator Buttons



MAME4ALL

COIN	SELECT
START	START
1	B
2	X
3	A
4	Y
5	L
6	R

Tab	MAME Game Menu
F11	Show FPS Rate
Shift + F11	Show Profiler
P	Pause Game
ESC	Quit Game
L + R	Quit Emulator
← →	Press OK to continue



# Mednafen NGP

r3

## Neo Geo Pocket Color



### SD Card Files & Directories

PND	/pandora/apps/mednafen_r3.pnd
Appdata	/pandora/appdata/mednafen
ROMs	/pandora/roms/ngp

### Emulator Buttons



Mednafen NGP

<b>A</b>	<b>X</b> or <b>A</b>
<b>B</b>	<b>B</b> or <b>Y</b>
<b>OPTION</b>	<b>SELECT</b>

<b>F7</b>	Load State
<b>F5</b>	Save State
<b>0-9</b>	Select State Slot 0-9
<b>ESC</b>	Quit Game / Emulator

# Mednafen PCE

r3

## NEC PC Engine / TG-16 / CD



### SD Card Files & Directories

PND	/pandora/apps/mednafen_r3.pnd
Appdata	/pandora/appdata/mednafen
CD BIOS	/pandora/appdata/mednafen/.mednafen/pce_bios/syscard3.pce
ROMs	/pandora/roms/pce
CDs	/pandora/roms/pcecd

### Emulator Buttons



#### Mednafen PCE

<b>RUN</b>	<b>START</b>
<b>SELECT</b>	<b>SELECT</b>
<b>I</b>	<b>B</b>
<b>II</b>	<b>X</b>
<b>I</b> Turbo	<b>Y</b>
<b>II</b> Turbo	<b>A</b>

<b>F7</b>	Load State
<b>F5</b>	Save State
<b>0-9</b>	Select State Slot 0-9
<b>ESC</b>	Quit Game / Emulator

# Mupen64plus

1.5.r20110615.2

## Nintendo 64




### SD Card Files & Directories


PND	/pandora/apps/mupen.pnd
Appdata	/pandora/appdata/mupen64plus-r1
ROMs	/pandora/roms/n64

### Emulator Buttons



Mupen64plus

<b>START</b>	<b>START</b>
<b>A</b>	<b>B</b>
<b>B</b>	<b>X</b>
<b>Z</b>	<b>L</b>
<b>R</b>	<b>R</b>
	<b>Analog Stick 2</b>

	Quit Game / Emulator
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## Arcade



### SD Card Files & Directories

PND	/pandora/apps/panmame.pnd
Appdata	/pandora/appdata/panmame
ROMs	/pandora/appdata/panmame/rom *

\*) use MAME 0.106 compatible ROMs

### Emulator Buttons



#### PanMAME

COIN	SELECT	SPACE	MAME Game Menu
START	START	Shift	Load State
1	A	Caps	Save State
2	X	P	Pause Game
3	B	F8 / F9	Change Frameskip
4	Y	F1	Display Help
5	L	ESC	Quit Game / Emulator
6	R	← →	Press OK to continue

# PCSX ReARMed

r14

## Sony Playstation



### SD Card Files & Directories

PND	/pandora/apps/pcsx_rearmed_r14.pnd
Appdata	/pandora/appdata/pcsx_rearmed
BIOS	/pandora/appdata/pcsx_rearmed/bios/scph1001.bin *
CDs	/pandora/roms/psx

\*) change setting in *Options* ▶ *[BIOS/Plugins]* ▶ *BIOS* ▶ *scph1001.bin*

### Emulator Buttons



#### PCSX ReARMed

<b>START</b>	<b>START</b>
<b>SELECT</b>	<b>SELECT</b>
<b>X</b>	<b>X</b>
<b>O</b>	<b>B</b>
<b>□</b>	<b>A</b>
<b>△</b>	<b>Y</b>
<b>L1 / R1</b>	<b>L / R</b>
<b>L2 / R2</b>	<b>Q / P</b>

<b>2</b>	Load State
<b>1</b>	Save State
<b>4</b>	Toggle State Slot +
<b>3</b>	Toggle State Slot -
<b>SPACE</b>	Emulator Menu

## Sega Mega Drive / Genesis / CD / 32X



### SD Card Files & Directories

PND	/pandora/apps/PicoDrive_180pxml.pnd
Appdata	/pandora/appdata/picodrive.notaz.1.80
CD BIOS	/pandora/appdata/picodrive.notaz.1.80/eu_mcd1_9210.bin
	/pandora/appdata/picodrive.notaz.1.80/jp_mcd1_9112.bin
	/pandora/appdata/picodrive.notaz.1.80/us_scd1_9210.bin
ROMs	/pandora/appdata/picodrive.notaz.1.80/roms
CDs	/pandora/appdata/picodrive.notaz.1.80/isos

### Emulator Buttons



PicoDrive

START	START
A	A
B	X
C	B

R	Load state
L	Save State
SELECT	Emulator Menu

# PocketSNES

6.5.0

## Nintendo SNES



### SD Card Files & Directories

PND	/pandora/apps/pocketsnes-fb.pnd
Appdata	/pandora/appdata/pocketsnes_hack
ROMs	/pandora/roms/snes

### Emulator Buttons



PocketSNES

START	START
SELECT	SELECT
A	B
B	X
X	Y
Y	A
L / R	L / R

SPACE	Emulator Menu
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# RACE

1.0b3

## Neo Geo Pocket Color



### SD Card Files & Directories

PND	/pandora/apps/RACE.pnd
Appdata	/pandora/appdata/race
ROMs	/pandora/roms/ngp

### Emulator Buttons



RACE

A	X
B	B
OPTION	Y

SELECT + START

Quit Emulator

# Snes9x4P

v20120226

## Nintendo SNES



### SD Card Files & Directories

PND	/pandora/apps/snes9x4p_20120226.pnd
Appdata	/pandora/appdata/snes9x.skeezix.alpha
ROMs	/pandora/roms/snes

### Emulator Buttons



Snes9x4P

<b>START</b>	<b>START</b>
<b>SELECT</b>	<b>SELECT</b>
<b>A</b>	<b>B</b>
<b>B</b>	<b>X</b>
<b>X</b>	<b>Y</b>
<b>Y</b>	<b>A</b>
<b>L / R</b>	<b>L / R</b>

<b>SPACE</b>	Emulator Menu
<b>Q</b>	Quit Game
<b>ESC</b>	Quit Emulator

# Temper

0.80

## NEC PC Engine / TG-16 / CD



### SD Card Files & Directories

PND	/pandora/apps/temper.pnd
Appdata	/pandora/appdata/Temper
CD BIOS	/pandora/appdata/Temper/syscards/syscard1.pce
	/pandora/appdata/Temper/syscards/syscard2.pce
	/pandora/appdata/Temper/syscards/syscard3.pce
ROMs	/pandora/roms/pce
CDs	/pandora/roms/pcecd

### Emulator Buttons



Temper

RUN

START

SELECT

SELECT

I

B

II

X

Y

Emulator Menu

## Commodore Amiga



### SD Card Files & Directories

PND	/pandora/apps/UAE4ALLv1.1.1.28.pnd
Appdata	/pandora/appdata/uae4all
Kickstart 1.2	/pandora/appdata/uae4all/kickstarts/kick12.rom
Kickstart 1.3	/pandora/appdata/uae4all/kickstarts/kick13.rom
Kickstart 2.0	/pandora/appdata/uae4all/kickstarts/kick20.rom
- or -	/pandora/appdata/uae4all/kick.rom *
Games	/pandora/appdata/uae4all/roms

\*) Kickstart 1.2, 1.3 or 2.0 can be used (512KB)

### Emulator Buttons



<b>SELECT</b>	Emulator Menu
<b>START</b>	Toggle Stick / Mouse / Stylus Mode
<b>L</b> + <b>R</b> + <b>D-Pad</b>	Move Display

# VICE

2.2

## Commodore C64



### SD Card Files & Directories

PND	/pandora/apps/ViceX64.pnd
Appdata	/pandora/appdata/vicex64.pickle
Games	/pandora/appdata/vicex64.pickle/roms

### Emulator Buttons



START

Emulator Menu

# Quick Reference

Emulator	Menu	Quit Game	Quit Emu	Load	Save
Dega			ESC or	L + 0-9	R + 0-9
DOSBox		CTRL + F9	exit		
FBA		Q	2x START		
GnGeo	ESC or SPACE				
GnuBoy		Q or	ESC	L + 0-9	S + 0-9
gpFCE	R + START			L + 3	R + 3
gpFCE GP2X	L + START			R + 1	L + 1
gpSP	Y or SPACE			2	1
Handy	SELECT	ESC	ESC		
HAtari	START				
HuGo	SELECT			L + Y	L + X
MAME4ALL	Tab	ESC	L + R		
Mednafen NGP		ESC	ESC	F7	F5
Mednafen PCE		ESC	ESC	F7	F5
Mupen64plus					
PanMAME	SPACE	ESC	ESC	Shift	Caps
PCSX ReARMed	SPACE			2	1
PicoDrive	SELECT			R	L
PocketSNES	SPACE				
RACE		SELECT + START			
Snes9x4P	SPACE	Q	ESC		
Temper	Y				
UAE4ALL	SELECT				
VICE	START				